

# MULTI SCREEN®

## Double barrel trommels

*Make it one more!*  
Screening into **3** products





Zemmler Siebanlagen GmbH is manufacturer of mobile and stationary double barrel trommels as well as equipment manufacturer. We rent trommels, offer repair service and a 24 hour spare part service.

All ZEMMLER<sup>®</sup> MULTI SCREEN<sup>®</sup> double barrel trommels screen various materials like soil, sand, gravel, compost, wood chips, construction waste recycling material, refuse derived fuel, cinder, ballast and stones into grain sizes of 2 mm – 80 mm. The material will be screened into three products in just one working stage, due to the double barrel technology.

*Make it one more!*  
Screening into 3 products.

The following pages will inform you about our product range of mobile and stationary double barrel trommels and customized machinery.

Heiko Zemmler





# ZEMMLER®

## SIEBANLAGEN



### Manufacturer

ZEMMLER® Siebanlagen is manufacturer of mobile and stationary double barrel trommels and equipment manufacturer. The entire fabrication is done in the ZEMMLER® Siebanlagen works in Germany.



### Renting

Double barrel trommels of the own production are used for rental service.



### Service

A mobile repair service and field manager grant customer focus and quick response time.



### Spare parts

for all types of series ZEMMLER® MULTI SCREEN® and double barrel trommels of manufacturer Ellegaard, SVEDALA and Vedbysonder Maskinfabrik.



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### Double barrel

- robust and stabile inner barrel
- variable coverable outer barrel



### Wire screen panels

- variable mesh sizes of 2 - 80 mm
- square mesh
- harp mesh
- vario harp



### Belt conveyors

- frames are completely hot dip galvanized
- discharging belts with fast moving wave edge belts



### Doors

- large barrel doors and service doors
- wide opening for easy access







### Cleaning brush

- hydraulic driven
- variable distance to outer screen
- clean wire screen panels



### PLC

- easy and intuitive control



### Powder coated

- impact-proof surface
- neat finish of all casing panels



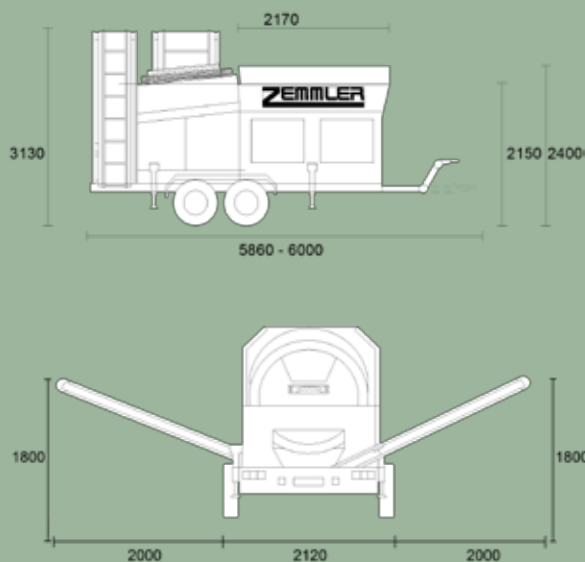
### Perkins-engines

- Diesel-hydraulic drive
- Diesel-electric drive
- Engines active current emission standard until 2014



### Facts

Feeder:	2.2 cbm
Length of barrel:	1,600 mm
Diameter:	1,030 mm (inner) 1,300 mm (outer)
Screening surface:	5.2 sqm (inner) 6.5 sqm (outer)
Drive:	electric optional generator
Weight:	3,200 kg (standard)
Hitch:	trailer hitch ball eye: Ø 40 mm eye: Ø 50 mm

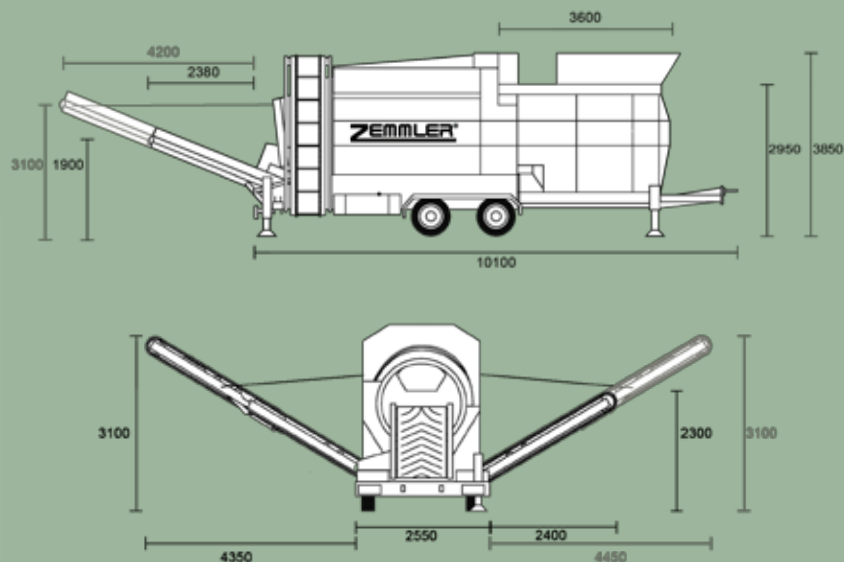


- screening capacity up to 30 cbm/h
- mesh sizes of 2 - 80 mm
- 2 products  
(optional 3 products)
- electric drive
- adapted for pick-up trucks and vans



### Facts

Feeder:	5.5 cbm
Length of barrel:	4,200 mm (inner) 3,400 mm (outer)
Diameter:	1,500 mm (inner) 2,005 mm (outer)
Siebfläche:	15.7 sqm (inner) 16.0 sqm (outer)
Drive:	Diesel-hydraulic Diesel-electric
Engine:	Perkins
Weight:	12,400 kg
Hitch:	eye: Ø 40 mm eye: Ø 50 mm



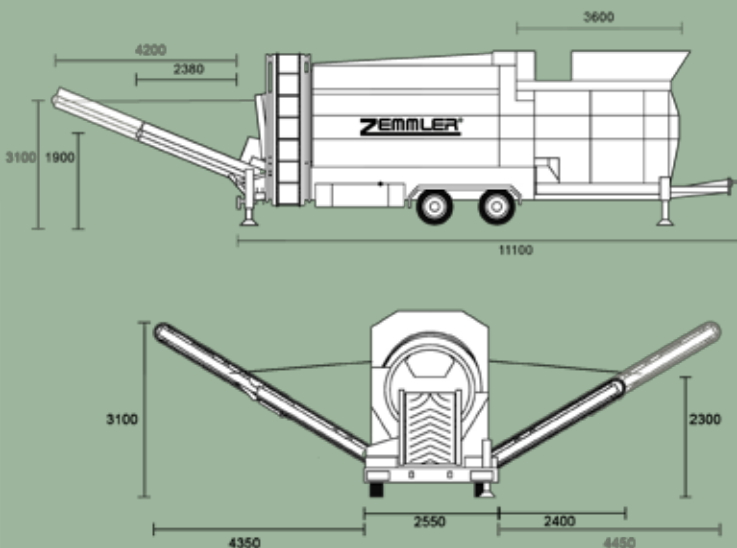
- screening capacity up to 120 cbm/h
- mesh sizes of 2 - 80 mm
- 3 products  
(with optional stone grid: 4 products)
- Ø 40 mm or Ø 50 mm draw bar eyes
- high-performance and compact design





### Facts

Feeder:	5.5 cbm
Length of barrel:	5,200 mm (inner) 4,400 mm (outer)
Diameter:	1,500 mm (inner) 2,005 mm (outer)
Screening surface:	24.5 sqm (inner) 22.1 sqm (outer)
Drive:	Diesel-hydraulic Diesel-electric
Engine:	Perkins
Weight:	13,400 kg
Hitch:	eye: Ø 50 mm



- screening capacity up to 150 cbm/h
- mesh sizes of 2 - 80 mm
- 3 products  
(with optional stone grid: 4 products)
- high performance at small mesh size and cohesive material
- air suspension



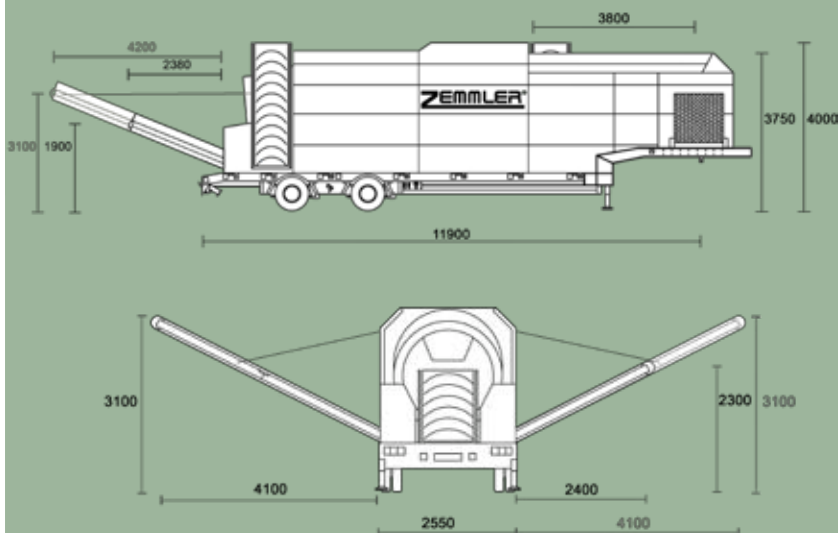


### Facts

Feeder:	6.0 cbm
Length of barrel:	6,700 mm (inner) 6,000 mm (outer)
Diameter:	1,500 mm (inner) 2,005 mm (outer)
Screening surface:	31.6 sqm (inner) 31.5 sqm (outer)
Drive:	Diesel-hydraulic Diesel-electric
Engine:	Perkins
Weight:	approx. 19,800 kg
Hitch:	goose neck with 2" king pin



Figure: ZEMMLER® MULTI SCREEN® MS 6700-K with optional stone grid and extended conveyor belt



- screening capacity up to 180 cbm/h
- mesh sizes of 2 - 80 mm
- 3 products  
(with optional stone grid: 4 products)
- semi-trailer or on skid



### Facts

Type of trommel:	MS 4200-ST
Length of barrel:	4,200 mm (inner) 3,400 mm (outer)
Diameter:	1,500 mm (inner) 2,005 mm (outer)
Screening surface:	15.7 sqm (inner) 16.0 sqm (outer)
Drive:	electric

- screening capacity up to 120 cbm/h
- mesh sizes of 2 - 80 mm
- can be integrated easily into existing screen lines



### Facts

Type of trommel:	MS 5200-ST
Length of barrel:	5,200 mm (inner) 4,400 mm (outer)
Diameter:	1,500 mm (inner) 2,005 mm (outer)
Screening surface:	24.5 sqm (inner) 22.1 sqm (outer)
Drive:	electric

- screening capacity up to 150 cbm/h
- mesh sizes of 2 - 80 mm
- high-performance stationary double barrel trommel



### Facts

Type of machine:	belt conveyors
Standard belts:	inlet belt conveyor outlet belt conveyor pipe liner
Customer solution:	reverser function weighing function heat resistant



- customized solutions
- control functions according to customers demand

### Facts

Type of machine:	feeder
Standard feeder	
Capacity:	5.5 cbm
Feeding width:	3,600 mm (max.)
Belt width:	1,000 mm
Customer solution:	batching feeder bar sizer



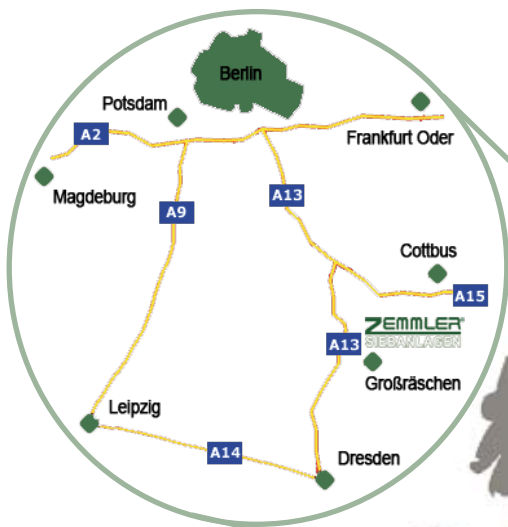
- feeder can be adapted to different customer demands
- feeder are compatible to all stationary trommel units ZEMMLER® MULTI SCREEN®





# ZEMMLER®

## MADE IN GERMANY



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### Distributor:

